PTO/SB/01 (03-01)
Approved for use through 10/31/2002, OMB 0651-0932
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless if contains a valid OMB control number.

DECLARATION FOR UTILITY OR DESIGN		Attorney Docke	Attorney Docket Number		06161 USA	
		First Named Inv	entor B	arry Gelernt		
PATENT APPL	co	COMPLETE IF KNOWN				
(37 CFR 1	.63)	Application Num	nber			
X Declaration	Declaration Submitted after Initial Filing (surcharge	Filing Date				
Submitted OR with Initial		Group Art Unit				
Filing	(37 ČFR 1.16 (e)) required)	Examiner Name				
As a below named inventor, I he	rehy declare that:					
My residence, mailing address, an		d below next to my nam	е.			
I believe I am the original, first and	I sale inventor (if only one	name is listed below) of	r an original fin	st and joint invento	r (if plural	
names are listed below) of the sub	ject matter which is claime	ed and for which a pate	nt is sought on	the invention entitle	ed:	
Vapor Flow Controller						
the specification of which	(Title of the	Invention)				
X is attached hereto						
OR						
was filed on (MM/DD/YYYY)		as United Sta	ates Application	Number or PCT In	nternational	
Application Number	and was am	nended on (MM/DD/YY)			(Sf moultonblo)	
- producti torribot		rended on (MIMIDD) ( 1 )	[ ]		(if applicable).	
I hereby state that I have reviewed amended by any amendment spec	and understand the conte	ents of the above identi	fied specificatio	n, including the cla	ilms, as	
acknowledge the duty to disclose	information which is mate	erial to patentability as o	defined in 37 CF	R 1.56. including t	for continuation-	
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation- in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.						
I hereby claim foreign priority bene or plant breeder's rights certificate	offits under 35 U.S.C. 119	(a)-(d) or (f), or 365(b)	of any foreign a	pplication(s) for pa	atent, inventor's	
or plant breeder's rights certificate(s). or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for						
patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.						
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Cop YES	py Attached? NO	
	total process	N. P. C.			-	
	and the state of t	s Labor motors				
		variable	H			
		1980000				
Additional foreign application	numbers are listed on a si	upplemental priority dal	ta sheet PTO/S	3/02B attached he	reto:	

## **DECLARATION** — Utility or Design Patent Application

I BLEET AR CULTERUDUSEUCE IV. IV.	ustomer Num Bar Code La				OR C	orrespondence address below
Name			<b>235</b> 4 ucts and Ch	13 nemicals, Inc.		
Address						
Address		······································		4-14-4		
City			******	State		ZIP
Country	т	elephone			West of the second seco	Fax
I hereby declare that all statements mad are believed to be true; and further that made are punishable by fine or imprisor validity of the application or any patent is	these staten ment, or both	nents were n, under 18	made wi	th the knowl	edge that willfu	false statements and the like so
NAME OF SOLE OR FIRST INV	ENTOR:			A petition	has been file	d for this unsigned inventor
Given Name (first and middle [if any])  Barry			Family Name Gelernt or Surname			
Inventor's Signature Signature	M	, ,	A. All (1981)			26 DEC- 2001 Date 1
Residence: City			CA State	USA Coi	\ untry	USA Citizenship
1382 Corte Alveo Mailing Address						
Mailing Address						
Oceanside City	CA State			ZIP	92057	USA Country
NAME OF SECOND INVENTOR	:			A petition	has been file	ed for this unsigned inventor
Given Name (first and middle [if any]) James Cliffo	rd			Family Nar	me Matthews	
_	freal	no	da	~~ <u>_</u>		21DIEC ZOOI
Residence: City			CA State	US C	SA Country	USA Citizenship
1517 Merlot Court Mailing Address						
Mailing Address						
Vista City	CA State			ZIP	92083	USA Country
Additional inventors are being named	on the	supplemer	ntal Additio	onal Inventor	r(s) sheet(s) PT(	D/SB/02A attached hereto.

STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/ <del>Patent Com</del> er: Barry Gelernt					
Application No./Patent No.:	Filed/Issue Date:				
Entitled: Vapor Flow Controller					
Air Products and Chemicals, Inc. Cor	poration ,				
(Name of Assignee) (Type of Ass	signee, e.g., corporation, partnership, university, government agency, etc.)				
states that it is:					
the assignee of the entire right, title, and interest;	or				
2.   an assignee of less than the entire right, title and	interest.				
The extent (by, percentage) of its ownership inter					
in the patent application/patent identified above by virtu	e of either:				
	A. [X] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.				
OR					
B. [ ] A chain of title from the inventor(s), of the patent assignee as shown below:					
1. From: The document was recorded in the United	To:				
	or for which a copy thereof is attached.				
2. From:	То:				
The document was recorded in the United S	States Patent and Trademark Office at, or for which a copy thereof is attached.				
	Го:				
The document was recorded in the United S					
[ ] Additional documents in the chain of title ar	re listed on a supplemental sheet.				
[ ] Copies of assignments or other documents in the characteristic [NOTE: A separate copy (i.e., the original assignment must be submitted to Assignment Division in accordance recorded in the records of the USPTO. See MPEP 3	nt document or a true copy of the original document) ance with 37 CFR Part 3, if the assignment is to be				
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.					
	William F. Marsh				
Date	Typed or printed name				
	Signature				
	Assistant General Counsel, Patents				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a	plus siar	ı (+) inside	this box	<b>→</b>	1
r rease type a	Pico oigi	. ( . )	GIO DON		

PTO/SB/81 (02-01)

Approved for use through 10/31/2002, OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

## **POWER OF ATTORNEY OR AUTHORIZATION OF AGENT**

Application Number	
Filing Date	
First Named Inventor	Barry Gelernt
Title	Vapor Flow Controller
Group Art Unit	
Examiner Name	
Attorney Docket Number	06161 USA

l hereby appoi	nt:	128/18   1288   118/18   118/18   118/18   118/18			
OR	ers at Customer Number er(s) named below:	23543 Air Products and Chemicals, Inc.			
Practitions	<u> </u>				
	Name	Registration Number			
,					
<u> </u>					
		pplication identified above, and to transact all			
business in the U	Jnited States Patent and Tradema	k Office connected therewith.			
Please change th	ne correspondence address for the	above-identified application to:			
	mentioned Customer Number.				
OR	<del></del>	Place Customer Number Bar Code			
	s at Customer Number	Label here			
OR		· · · · · · · · · · · · · · · · · · ·			
Firm or Individual Na	me				
Address					
Address	·				
City		State Zip			
Country					
Telephone		Fax			
I am the:	2				
	/Inventor.				
X Assignee of record of the entire interest. See 37 CFR 3.71.					
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SBI96).					
	SIGNATURE of Applica	nt or Assignee of Record			
Name	William F. Marsh				
Signature	1/24 3/4				
Date					
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.					
△ *Total of 1forms are submitted.					
Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments or					

burgen Hour Statement: This form is estimated to take 3 minutes to complete. Here will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent for the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## **ASSIGNMENT**

For value received, we, Barry Gelernt and James Clifford Matthews, hereby sell, assign, and transfer to **AIR PRODUCTS AND CHEMICALS, INC.**, a corporation of the State of Delaware, having an office at 7201 Hamilton Boulevard, Allentown, PA 18195-1501, the entire right, title, and interest in and to the invention relating to

## **Vapor Flow Controller**

described in our application for Letters Patent of the United States (identified by Docket No. 06161 USA) executed of even date herewith, in and to all Letters Patent which may be issued upon said application, in and to any divisional or reissue applications based thereon, and in and to all Letters Patent upon said invention or improvements which may be granted in foreign countries. We hereby also assign and convey to said **AIR PRODUCTS AND CHEMICALS**, **INC.**, all the rights accruing to us by virtue of the International Convention for the Protection of Industrial Property (Art. 4), including the right to apply for and to have patents issued in its own name.

And we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and the Officials of the Patent Offices of all other countries to issue the Letters Patent of their respective countries to said **AIR PRODUCTS AND CHEMICALS, INC.**, as assignee of the entire right, title, and interest in and to the same.

And we hereby promise and agree to execute all papers and perform all acts necessary to secure to and vest in said **AIR PRODUCTS AND CHEMICALS, INC.**, its successors and assigns, the rights conveyed as herein set forth.

PalerM	(L.S.)
Barry Gelernt	_, ,
26 DEC 2001	
Date	
James Clifford Matthews	_(L.S.)
James Clifford Matthews	
21 DEC 2001	
Date	